

Figure 1 illustrates a network architecture with three local area networks (LANs) connected via wide area networks (WANs). The architecture is divided into three main sections: LAN1 [089], LAN2 [030-222], and LAN3 [030-3].

LAN1 [089]: Contains a gateway (GW1) with a virtual endpoint (VE) and IPGW2. It is connected to a wide area network (WAN1). A set (SET1) with IPGW1 and IPEG1 is connected to GW1. A gateway (GK1) with IPGW1 and IPEG1 is connected to SET1. A gateway (IT1) with IPGW1 and IPEG1 is connected to GK1. A gateway (EG1) with IPEG1 is connected to IT1. A gateway (ACF1) with IPGW1 is connected to IT1. A gateway (ARQ1) with IPGW1 is connected to IT1.

LAN2 [030-222]: Contains a gateway (GW2) with a virtual endpoint (VE) and IPGW3. It is connected to a wide area network (WAN2). A set (SET2) with IPGW3 and IPEG3 is connected to GW2. A gateway (GK2) with IPGW3 and IPEG3 is connected to SET2. A gateway (IT2) with IPGW3 and IPEG3 is connected to GK2. A gateway (EG2) with IPEG3 is connected to IT2. A gateway (ACF2) with IPGW3 is connected to IT2. A gateway (ARQ2) with IPGW3 is connected to IT2.

LAN3 [030-3]: Contains a gateway (GW3) with a virtual endpoint (VE) and IPGW4. It is connected to a wide area network (WAN3). A set (SET3) with IPGW4 and IPEG4 is connected to GW3. A gateway (GK3) with IPGW4 and IPEG4 is connected to SET3. A gateway (IT3) with IPGW4 and IPEG4 is connected to GK3. A gateway (EG3) with IPEG4 is connected to IT3. A gateway (ACF3) with IPGW4 is connected to IT3. A gateway (ARQ3) with IPGW4 is connected to IT3.

WAN1: Connects LAN1 and LAN2. It contains a set (SET1) with IPGW1 and IPEG1, and a gateway (GK1) with IPGW1 and IPEG1.

WAN2: Connects LAN2 and LAN3. It contains a set (SET2) with IPGW2 and IPEG2, and a gateway (GK2) with IPGW2 and IPEG2.

WAN3: Connects LAN3 and LAN4. It contains a set (SET3) with IPGW3 and IPEG3, and a gateway (GK3) with IPGW3 and IPEG3.

The diagram shows the flow of data between these components, with arrows indicating the direction of communication. The architecture is designed to support a multi-tenant environment where different sets of users (SET1, SET2, SET3) can access different resources (ACF1, ACF2, ACF3) through a common network infrastructure.